

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/018, 112 A  
Source: PCT  
Date Processed by STIC: 06/15/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/15/2005

PATENT APPLICATION: US/10/018,112A

TIME: 15:46:51

Input Set : A:\-52-1.app

Output Set: N:\CRF4\06152005\J018112A.raw

4 <110> APPLICANT: Petersdorf, Effie W.  
 5 Guo, Zhen  
 6 Hansen, John A.  
 7 Hood, Leroy  
 8 Fred Hutchinson Cancer Research Center  
 9 University of Washington  
 11 <120> TITLE OF INVENTION: Oligonucleotide Arrays for High  
 12 Resolution HLA Typing  
 14 <130> FILE REFERENCE: 14538A-005210US  
 16 <140> CURRENT APPLICATION NUMBER: US 10/018,112A  
 C--> 17 <141> CURRENT FILING DATE: 2001-12-14  
 19 <150> PRIOR APPLICATION NUMBER: US 60/139,843  
 20 <151> PRIOR FILING DATE: 1999-06-17  
 22 <150> PRIOR APPLICATION NUMBER: WO PCT/US00/16722  
 23 <151> PRIOR FILING DATE: 2000-06-16  
 25 <160> NUMBER OF SEQ ID NOS: 141  
 27 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
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 32 <213> ORGANISM: Artificial Sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: HLA-B PCR probe A1, exon 2, location 5-24  
 37 <400> SEQUENCE: 1  
 38 tcacaccctc cagagcatgt 20  
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 43 <213> ORGANISM: Artificial Sequence  
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 48 <400> SEQUENCE: 2  
 49 tcacatcatc cagaggatgt 20  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 20  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: HLA-B PCR probe A3, exon 2, location 5-24  
 59 <400> SEQUENCE: 3  
 60 tcacacttgg cagacgatgt 20  
 62 <210> SEQ ID NO: 4  
 63 <211> LENGTH: 20

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64 <212> TYPE: DNA  
65 <213> ORGANISM: Artificial Sequence  
67 <220> FEATURE:  
68 <223> OTHER INFORMATION: HLA-B PCR probe A4, exon 2, location 5-24  
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74 <211> LENGTH: 20  
75 <212> TYPE: DNA  
76 <213> ORGANISM: Artificial Sequence  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: HLA-B PCR probe A5, exon 2, location 5-24  
81 <400> SEQUENCE: 5  
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84 <210> SEQ ID NO: 6  
85 <211> LENGTH: 20  
86 <212> TYPE: DNA  
87 <213> ORGANISM: Artificial Sequence  
89 <220> FEATURE:  
90 <223> OTHER INFORMATION: HLA-B PCR probe A6, exon 2, location 5-24  
92 <400> SEQUENCE: 6  
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100 <220> FEATURE:  
101 <223> OTHER INFORMATION: HLA-B PCR probe A7, exon 2, location 5-24  
103 <400> SEQUENCE: 7  
104 tcacaccctc cagaatatgt 20  
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107 <211> LENGTH: 20  
108 <212> TYPE: DNA  
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111 <220> FEATURE:  
112 <223> OTHER INFORMATION: HLA-B PCR probe A8, exon 2, location 5-24  
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125 <400> SEQUENCE: 9  
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142 <213> ORGANISM: Artificial Sequence  
144 <220> FEATURE:  
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152 <212> TYPE: DNA  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
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164 <213> ORGANISM: Artificial Sequence  
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169 <400> SEQUENCE: 13  
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195 <211> LENGTH: 20  
196 <212> TYPE: DNA  
197 <213> ORGANISM: Artificial Sequence

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210 <220> FEATURE:
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218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
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224 <400> SEQUENCE: 18
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229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: HLA-B PCR probe B8, exon 2, location 21-40
235 <400> SEQUENCE: 19
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238 <210> SEQ ID NO: 20
239 <211> LENGTH: 20
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: HLA-B PCR probe B9, exon 2, location 21-40
246 <400> SEQUENCE: 20
247   atgtatggct gcgacgtggg                                20
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250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
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261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
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266 <223> OTHER INFORMATION: HLA-B PCR probe C2, exon 2, location 41-60
268 <400> SEQUENCE: 22
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290 <400> SEQUENCE: 24
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296 <213> ORGANISM: Artificial Sequence
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316 <211> LENGTH: 20
317 <212> TYPE: DNA
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328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
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VERIFICATION SUMMARY

DATE: 06/15/2005

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Input Set : A:\-52-1.app

Output Set: N:\CRF4\06152005\J018112A.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date